

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

11-194988

(43) Date of publication of application: 21.07.1999

(51)Int.CI.

G06F 13/10

G06F 13/10 G06F 13/00

G06F 13/38

(21)Application number: 10-222629

(71)Applicant: MICROSOFT CORP

(22)Date of filing:

06.08.1998

(72)Inventor: RAY KENENTH D

(30)Priority

Priority number: 97 907200

Priority date: 06.08.1997

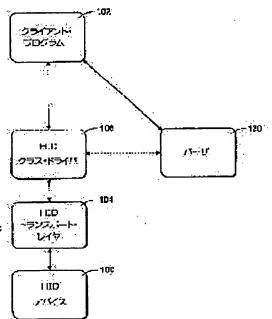
Priority country: US

(54) METHOD AND ARCHITECTURE FOR SIMPLIFYING COMMUNICATION WITH HID DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an architecture for simplifying communication with a human interface device(HID).

SOLUTION: A computer system is provided with an HID transport layer 104 and an HID class driver 106 to be mounted on this transport layer. A client program 102 directly or indirectly calls the class driver 106 and provides an HID report and a report describer. Before returning the report to a call source program, the HID class driver 106 makes the length of the report uniform and normalizes the report by adding a report ID to every report which does not have the report ID yet. Besides, a prepared parser 130 is provided with a describer analytic function and an item retrieval function.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]